Electronic Acknowledgement Receipt				
EFS ID:	4334399			
Application Number:	10529401			
International Application Number:				
Confirmation Number:	6746			
Title of Invention:	Methods and devices for intramuscular stimulation of upper airway and swallowing muscle groups			
First Named Inventor/Applicant Name:	Christy L. Ludlow			
Correspondence Address:	Katherine M. Kowalchyk MERCHANT & GOULD P.C. P.O. Box 2903 - Minneapolis MN 55402-0903 US 6123715311 -			
Filer:	Eric Eugene DeMaster/Sheryl Boerboom			
Filer Authorized By:	Eric Eugene DeMaster			
Attorney Docket Number:	11613.87USWO			
Receipt Date:	21-NOV-2008			
Filing Date:	04-JAN-2006			
Time Stamp:	15:30:18			
Application Type:	U.S. National Stage under 35 USC 371			
Payment information:				

yes

\$180

Credit Card

Submitted with Payment

Payment was successfully received in RAM

Payment Type

RAM confirmation Number	874
Deposit Account	132725
Authorized User	DEMASTER.ERIC E.

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. 1.492 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Document			File Size(Bytes)/	Multi	Pages	
Number	Document Description	File Name	Message Digest	Part /.zip	(if appl.)	
1		Supplemental_Information_Dis	110683	yes	5	
·		closure_Statement.PDF	9c3a75e82ed3aa291bf1d418c52ac9095ec8 3ab7	yes	,	
	Multip	part Description/PDF files in .	zip description			
	Document De	escription	Start	E	nd	
	Information Disclosure	Statement Letter	1		2	
	Information Disclosure State	ment (IDS) Filed (SB/08)	3		5	
Warnings:						
Information:						
2	Foreign Reference	WO2007005582.PDF	2787397	no	70	
_	,		ab4a7f228629db42d987dc07d6a5ce9486d 4396f			
Warnings:				'		
Information:						
3	NPL Documents	Aviv_1996_AnnOtolRhinolLary hgol_105_92.PDF	528337	no	6	
			78cb6970e4e8992ade4e62592dfd0b61±03 98bc6			
Warnings:				'		
Information:						
4	NPL Documents	Aviv_1997_AnnOtolRhinolLary	581746	no	7	
		ngol_106_87.PDF	93e/8cbdbe4c844c77aecfcba94c0320c381 ca74			
Warnings:						
Information:						
5	5 NPL Documents	Aviv_1997_Laryngoscope_107	713940	no	7	
		_1254.PDF	7c1dc6c46259e155bd616f3beef3cf5f3667 db84			
Warnings:						
Information:						

Information:						
Information:	6	NPL Documents			no	4
The content of the	Warnings:					
The composition of the composi	Information:					
Marnings:	7	NPI Documents		192014	no	4
Information:		NI E Documents	_47_377.PDF	41566d38c2ae1296891cr9537atbe7d58b9 85a7e	110	,
Bielamowicz_2000_AnnOtolRin 322612 no	Warnings:					
Section Sect	Information:					
Marnings:	8	NPL Documents		322612	no	10
Information:			nolLaryngol_109_194.PDF	e77f17099bfcfa598159e:919::/bac4b2684 db1a		
9 NPL Documents Burnett_2005_JNeurophysiol_9	Warnings:					
9 NPL Documents Burnett_2005_Neurophysiol_9 4_4011.PDF (1004)218464-New Andrew Collection (1004)	Information:					
Marnings:	9	NPL Documents	Burnett_2005_JNeurophysiol_9	285261	no	9
Information:			4_4011.PDF	f708d\$210b56e49ec03de960718ab74da7d 8b98e		
10	Warnings:					
10	Information:					
Table Tabl	10	NPL Documents	Conforto_2001_AnnNeurol_51	382214	no	4
Information:			_122.PDF	7ac9bf3c290a373422ac874ddbd36d5ed9c 2c2ec		
11	Warnings:					
11	Information:					
Comparison Com	11	NPL Documents		486083	no	5
Information:			_23_486.PDF	108d9949b616a36fa23d53f5e77cf7fd35f58 20a		
12	Warnings:					
12	Information:					
PDF	12	NPI Documents		1471561	no	14
Information:			PDF	flb3794e0100ac9275c3ca75a3664d4c1ed 04146		
13 NPL Documents Dick_1993_JPhysiol_465_715. 2074276 no 16 Warnings: Information: 14 NPL Documents Folstein_1975_JPsychiatRes_12	Warnings:					
13 NPL Documents Dick_1993_Physiol_465_715. PDF	Information:					
### PDF	12	NDI Desuments		2074276	no	16
Information:	1,5	THE DOCUMENTS	PDF	506e1599b93f105d842cfd86d2e75c23947 6a48e	110	
14 NPL Documents Folstein_1975_JPsychiatRes_12 471780 no 10 10 10 11 11 11 11 11 11 11 11 11 11	Warnings:					
14 NPL Documents Folstein_19/3_Psychiattes_12 no 10 10 10	Information:					
103.F.DF 063d1700e25221c0157-b195c2204c d930	14	NPI Desuments		471780	no	10
Warnings:	.,	THE DOCUMENTS	_189.PDF	0636d7300e526a23c9l3357ab79bt220d4e d9b40		.0

15 NPL Docum	NPL Documents	Fraser_2003_AmJPhysiolGastro	296847	no	9
	W E Bocaments		Selid 193 clisa 1095 d 163 aleb celi 0 d 2 a d l'Obas 4 a 4 2		,
Warnings:					
Information:					
16	NPL Documents	Hagg_2004_Dysphagia_19_21 9.PDF	392495	no	12
-		301	Se2S612f197584f2890c9Sd4uf0Sb6b03b40 felf		
Warnings:					
Information:					
17	NPL Documents	Hamdy_2003_Neurogastroente rolMotil_15_69.PDF	93667 /b4/4c1bilde@s940x21d9sff22bcf1dc9775	no	9
Warnings:					
Information:					
18	NPL Documents	Haslinger_2005_Neurology_65	983318	no	8
		_1562.PDF	964084f183719263d96595765386a3cd3a9 a4ff7		
Warnings:					
Information:					
19	19 NPL Documents	Jafari_2003_JPhysiol_550_287. PDF	808233	no	18
		FDF	dac7d0ad7069bc1c6d59025180730fcc67e1 89bb		
Warnings:					
Information:					
20	NPL Documents	Jean_1984_JAutonNerSyst_10_ 225.PDF	565390	no	9
Warnings:			a1e3a985395c2bee3715be16535852bef6 Se105		
-					
Information:					
21	NPL Documents	Leelamanit_2002_Laryngoscop	761378	no	7
	NPL Documents	Leelamanit_2002_Laryngoscop e_112_2204.PDF	761378 c6689579cc663a29441aa85371694173e8d	no	7
21	NPL Documents		e6f89576cci63a28441aa8537169d173e8d	no	7
21 Warnings:	NPL Documents		e6f89576cci63a28441aa8537169d173e8d	no	7
21 Warnings:	NPL Documents	e_112_2204.PDF	e6f89576cci63a28441aa8537169d173e8d	no	7
21 Warnings: Information:		e_112_2204.PDF	eldfi957fec663a2644taa85371694173e8d 996		
Warnings: Information:		e_112_2204.PDF	e6489576cc6d3a24441aa65371694173e8d 996 222177 a83sc46113468887864864cc236sca111		
Warnings: Information: 22 Warnings:		e_112_2204.PDF	e6489576cc6d3a24441aa65371694173e8d 996 222177 a83sc46113468887864864cc236sca111		
21 Warnings: Information:		e_112_2204.PDF Logemann_1993_Dysphagia_8331.PDF Logemann_1995_JSpeechHearBec 38.556.PDE	ed489576cdo.b3441aa45371644177e4d 996 2221777 altibufus 182446nnoldikhov27a8ccan17 006 849005		
Warnings: Information: 22 Warnings: Information:	NPL Documents	e_112_2204.PDF Logemann_1993_Dysphagia_8331.PDF Logemann_1995_JSpeechHearBec 38.556.PDE	20090579cc6ds hoRM stands 7110401171cdat 7909 2222177 urboc first 111040677 Artifaction Constitution Cons	no	3

24	NPL Documents	Loucks_2005_JApplPhysiol_99 _922.PDF	903385 S-6-40246-40295-438-215-07-2586716-85-08-2	no	10
Warnings:		1			
Information:					
25	NPL Documents	Lowell_2008_NeuroImage_42_ 285.PDF	785874 00b3b134cd967a6196dc4d0e5ac287d892 0053b	no	11
Warnings:		1			
Information:					
26	NPL Documents	Ludlow_1987_JSpeechHearRes _30_197.PDF		no	10
			1b7cc956d8bse6e1c082d2f136d3555208ad 35b		
Warnings:					
Information:					
27	NPL Documents	Mifflin_1997_JApplPhysiol_83_	322189	no	11
	AL DOCUMENTS	1890.PDF	c15d4c362cc819879001cf3c0ac86s908fcf4 a40	110	
Warnings:					
Information:					
28	NPL Documents	Nishino_1996_PulmonaryPhar macology_9_285.PDF	214998 16694a1485750e588803c6c71248c80ft05	no	8
Warnings:			7037		
Information:					
29	NPL Documents	Ootani_1995_Brain_37_397. PDF	748920 9a637a0dSeca70a035781b7c36c26066617 0dd7	no	8
Warnings:			330		
Information:					
30	NPL Documents	Park_1997_Dysphagia_12_161.	320426	no	6
		FDF	f8874f070786db668s68b031ef7e4e64e67e 2201		
Warnings:					
Information:					
21	NPL Documents	Peurala_2002_ClinRehabil_16_	151876		9
31	NPL Documents	709.PDF	e570uH73e9253ueub20056c13b28e50708 adc7e	no	9
Warnings:		•			
Information:	·				
32	NPL Documents	Pick_1996_JAmGeriatrSoc_44_ 763.PDF	710359 7d009cdb39x384d9610108xa16666642a6 fa684	no	6
Warnings:					
Information:					

33	NPL Documents	Pommerenke_1927_AmJofPhy siology_84_36.PDF	183467 6ca039427142348H449a8b4shde199442af0s 6024	no	6
Warnings:		'			
Information:					
34	NPL Documents	Portone_2008_JVoice_22_1892 .PDF	90030 3d7a994ese1ab1766c1f249abc759a6c6cd 0465e	no	5
Warnings:					
Information:					
35	NPL Documents	Power_2004_AmJPhysiolGastr ointestLiverPhysiol_286_G45. PDF	86761 azc7727549-beed567ab79ab07f8ft16663	no	7
Warnings:			1160		
Information:					
36	NPL Documents	Power_2006_Dysphagia_21_49 .PDF	241613 6dsf57576605650096d6b772ds57c0818b 80961	no	7
Warnings:					
Information:					
37	NPL Documents	Robbins_2008_JSpeechLangHe arRes_51_S276.PDF	540071 7aa61a3574024s9328e83770f1ace66e7cd5 f60d	no	25
Warnings:		'			
Information:					
38	NPL Documents	SedoryHolzer_1996_Laryngosc ope_106_86.PDF	860075 57dd6922424868659997362691616d67cc GGds	no	7
Warnings:		•			
Information:					
39	NPL Documents	Setzen_2003_OtolaryngolHead NeckSurg_128_99.PDF	58073 7cdb90517c3b924249k756c4d9b956Mee 086c0	no	4
Warnings:				'	
Information:					
40	NPL Documents	Struppler_2003_SupplClinNeur ophysiol_56_358.PDF	870294 e759d016e3be400014457-24555b9460-27 36644	no	10
Warnings:		ı			
Information:					
41	NPL Documents	Theurer_2005_Dysphagia_20_ 254.PDF	481577 dabf##9155af7c/114ab0052792d4d85c5b db25	no	7
Warnings:					

42	42 NPL Documents	VanDijk_2002_RevNeurosci_13	777426	no	14
72	W E Documents	_257.PDF	2c816ee18b9b94969dc24d4103b6c6cf7cd 14408		.,
Warnings:					
Information					
	5 W 11 v (070 est)		30424		
43 Fee Worksheet (PTO-06)	fee-info.pdf	f274x087e6658b2c019dxx9675742xxe32x6 odds	no	2	
Warnings:	-				

Total Files Size (in bytes):

25213856

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

Information:

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.